

In the Claims

1 **In the Claims**
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3 1. (Currently Amended) A computer-executable method, comprising:
4 executing providing a pane element comprising an element behavior that
5 defines the pane element, wherein the pane element comprises a single element
6 that is readable from a document by a browser ;based at least in part on execution
7 of the pane element, and wherein the executing includes invoking logic associated
8 with the element behavior; [[,]]

9 parsing and initializing the logic to synchronously bind the logic to the pane
10 element, wherein the logic specifies at least some attributes of [[a]] one or more
11 panes, and generates and wherein the bound logic renders the pane element into a
12 an associated hypertext markup language (HTML) element to which the element
13 behavior is bound to generate the pane; and

14 executing the HTML element to generating the one or more panes having
15 the specified attributes;

16 wherein the bound logic manages display attributes of the one or more
17 panes including a position, a size, and a shape for each pane;

18 wherein the bound logic manages linkages between the one or more panes
19 and one or more content resources, such that:

20 when only one pane exists then a changing content displayed in the
21 pane is dynamically stored in the content resource in order to initialize subsequent
22 additional panes with the same content;
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1 when multiple panes exist the content that is common to the multiple
2 panes is dynamically linked between the panes in order to propagate edits in the
3 content simultaneously between the panes; and

4 when multiple panes each possess a link to a common content
5 resource, then input from the common content resource and changes to the
6 common content resource are simultaneously implemented in the multiple panes.

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8 **2. (Currently Amended)** The computer-executable method as recited in
9 claim 1, wherein the pane element includes ~~directs~~ a reference to ~~and execution of~~
10 the associated logic.

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12 **3. (Currently Amended)** The computer-executable method as recited in
13 claim 1, wherein the pane element ~~comprises a~~ includes at least one markup
14 language tag.

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16 **4. (Currently Amended)** The computer-executable method as recited in
17 claim 1, wherein the pane element itself comprises an HTML element tag.

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19 **5-9. (Canceled)**

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21 **10. (Currently Amended)** A computer-executable method, comprising:
22 reading providing a pane element comprising an element behavior in a web
23 page document for producing a web page;

executing the pane element wherein the executing invokes logic
synchronously bound ~~associated~~ with the pane element, wherein the bound logic
specifies at least some attributes of [[a]] one or more panes; ~~and~~

wherein the executing generates [[a]] the one or more panes having the
specified attributes;

wherein the bound logic manages display attributes of the one or more
panes including a position, a size, and a shape for each pane;

wherein the bound logic manages a linkage between the one or more panes
and one or more content resources, such that changes to content that is common
between one or more panes and the one or more content resources is
simultaneously updated in each of the panes and in each of the content resources.

11. **(Previously Presented)** The computer-executable method as recited in
claim 10, wherein the web page document comprises HTML.

12-13. **(Canceled)**

14. **(Currently Amended)** The computer-executable method as recited in
claim 10, wherein the pane element includes an associated content ~~capable of~~
~~being~~ displayed in the pane.

15. **(Currently Amended)** The computer-executable method as recited in
claim 14, wherein the ~~display~~ content is one of a text, an image, a link, an
interactive control, [[and]] or a user interface.

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2 **16. (Canceled)**
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4 **17. (Currently Amended)** The computer-executable method as recited in
5 claim 14, wherein the pane element derives ~~includes~~ content attributes to
6 determine one of a size, a dimension, a shape, a color, a format, a priority, a style,
7 or ~~and~~ a font of the content to be displayed in the pane.
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9 **18. (Canceled)**
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11 **19. (Currently Amended)** The computer-executable method as recited in
12 claim 17, wherein the bound ~~associated~~ logic determines the pane attributes based
13 on the content attributes.
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15 **20. (Currently Amended)** The computer-executable method as recited in
16 claim 10, further comprising reading multiple pane elements in the web page
17 document to generate multiple panes in the web page.
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19 **21-22. (Canceled)**
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21 **23. (Currently Amended)** The computer-executable method as recited in
22 claim ~~[[21]]~~ 20, wherein a first pane adjusts a second pane depending on a
23 characteristic or behavior of the first pane.
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1 **24. (Currently Amended)** The computer-executable method as recited in
2 claim [[21]] 20, wherein an attribute of the first pane is adjusted based on
3 changing content in the second pane.

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5 **25. (Currently Amended)** The computer-executable method as recited in
6 claim [[21]] 20, wherein an attribute of content in the first pane is changed based
7 on a change in an attribute of content in the second pane.

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9 **26. (Currently Amended)** The computer-executable method as recited in
10 claim 25, wherein content in the second pane is changed as the content is edited in
11 the first pane.

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13 **27-48. (Canceled)**

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15 **49. (Currently Amended)** A computer-executable pane engine
16 addressable via execution of a pane element for generating one or more
17 interrelated panes in a web page, wherein the pane engine comprises a parsed and
18 initiated element behavior bound to the pane element, comprising:

19 a pane attribute assignor;

20 a pane sizer; and

21 a pane positioner; and

22 a multipane coordinator to manage interrelations between attributes of
23 multiple panes being concurrently displayed on a user interface;

1 a dynamic content linker in the multipane coordinator to
2 dynamically link a content that is common between multiple panes, wherein edits
3 in the content of one pane are simultaneously propagated to the other panes; and
4 a common resource linker for multiple panes that each possess a link
5 to a common content resource, wherein the common resource linker sends input
6 from the common content resource to the multiple panes.

7 wherein a pane element comprising an element behavior and included in a
8 web page document references the pane engine to generate a web page pane.

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10 50. (Currently Amended) The computer-executable pane engine as
11 recited in claim 49, further comprising default pane attributes for generating the
12 one or more interrelated panes web page pane.

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14 51. (Currently Amended) The computer-executable pane engine as
15 recited in claim 49 [[50]], further comprising an attribute reader to obtain ~~one of~~
16 pane attributes and content attributes selected by a user.

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18 52. (Canceled)

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20 53. (Currently Amended) The computer-executable pane engine as
21 recited in claim 49 [[52]], wherein the multipane coordinator includes a Z-order
22 prioritizer to determine an order of web page panes in a cascaded stack of web
23 page panes appearing on a display screen.

1 54. (Currently Amended) The computer-executable pane engine as
2 recited in claim 49 [[52]], further comprising a focus assignor to determine which
3 pane of multiple panes is active or on top of a cascaded stack of web page panes
4 appearing on a display screen.

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6 55. (Currently Amended) The computer-exccutable pane engine as
7 recited in claim 49 [[52]], further comprising an attribute interrelation module
8 including a pane attribute analyzer and a content attribute analyzer, wherein a pane
9 attribute of a first pane is determined based on a pane attribute or a content
10 attribute of a second pane.

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12 56. (Currently Amended) The computer-executable pane engine as
13 recited in claim 49 [[52]], further comprising a dynamic content linker to enable
14 changes in a content of a first pane to affect display of a content in a second pane.

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16 57. (Currently Amended) The computer-executable pane engine as
17 recited in claim 49 [[52]], further comprising a common resource linker, wherein
18 changes in content in the common resource are simultaneously displayed in two or
19 more panes.

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21 58-67. (Canceled)

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23 68. (Currently Amended) The computer-executable pane engine system
24 as recited in claim 49 [[47]], further comprising wherein a list of attributes
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1 variables exist where in which an attribute value is ~~can be~~ specified and
2 implemented by the pane engine ~~underlying pane~~ generating logic.
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